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andom? (5a) sequence (p) internal (3a) control#
        310479 RANDOM?
        509697 SEQUENCE
        788611 INTERNAL
       1611906 CONTROL#
L6           23 RANDOM? (5A) SEQUENCE (P) INTERNAL (3A) CONTROL#

=> d 1-23 ti

L6   ANSWER 1 OF 23  USPATFULL
TI     Compositions and methods for the therapy and diagnosis of colon cancer

L6   ANSWER 2 OF 23  USPATFULL
TI     Compositions and methods for the therapy and diagnosis of ovarian cancer

L6   ANSWER 3 OF 23  USPATFULL
TI     Compositions and methods for the therapy and diagnosis of colon cancer

L6   ANSWER 4 OF 23  USPATFULL
TI     Thymidine kinase mutants

L6   ANSWER 5 OF 23  USPATFULL
TI     Assay for genetic polymorphisms using scattered light detectable labels

L6   ANSWER 6 OF 23  USPATFULL
TI     Methods for the preparation and use of internal standards for nucleic
       acid amplification assays

L6   ANSWER 7 OF 23  USPATFULL
TI     Methods and compositions for triple helix formation

L6   ANSWER 8 OF 23  USPATFULL
TI     Delay locked loop

L6   ANSWER 9 OF 23  USPATFULL
TI     Nucleic acid assays

L6   ANSWER 10 OF 23  USPATFULL
TI     METHOD FOR MONITORING NUCLEIC ACID ASSAYS USING SYNTHETIC INTERNAL
       CONTROLS WITH REVERSED NUCLEOTIDE SEQUENCES

L6   ANSWER 11 OF 23  USPATFULL
TI     Method and apparatus for adaptively adjusting the timing offset between
       a clock signal and digital signals transmitted coincident with that
       clock signal, and memory device and system using same

L6   ANSWER 12 OF 23  USPATFULL
TI     Detection of aneuploidy and gene deletion by PCR-based gene- dose
       co-amplification of chromosome specific sequences with synthetic
       sequences with synthetic internal controls

L6   ANSWER 13 OF 23  USPATFULL
TI     Thymidine kinase mutants

L6   ANSWER 14 OF 23  USPATFULL
TI     Low gain voltage-controlled oscillator

L6   ANSWER 15 OF 23  USPATFULL
TI     Semiconductor integrated circuit device having low-power consumption
       signal input circuit responsive to high-speed small-amplitude input
       signal
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L6 ANSWER 16 OF 23 USPATFULL
TI Video controller IC with built-in test circuit and method of testing

L6 ANSWER 17 OF 23 USPATFULL
TI Method and apparatus for encryption having a feedback register with selectable taps

L6 ANSWER 18 OF 23 USPATFULL
TI Processing apparatus with functional hierarchical structure including selective operation of lower level units by higher level units

L6 ANSWER 19 OF 23 USPATFULL
TI Processing apparatus with functional hierarchical structure using corresponding hierarchical machine instruction fields

L6 ANSWER 20 OF 23 USPATFULL
TI Detection of genomic abnormalities with unique aberrant gene transcripts

L6 ANSWER 21 OF 23 USPATFULL
TI Processing apparatus with hierarchical structure for implementing a machine instruction

L6 ANSWER 22 OF 23 USPATFULL
TI Phase dependent SEM IC chip testing with voltage contrast

L6 ANSWER 23 OF 23 USPATFULL
TI Automatic tester for microprocessor board

=> d 10 bib ab

L6 ANSWER 10 OF 23 USPATFULL
AN 2001:105181 USPATFULL
TI METHOD FOR MONITORING NUCLEIC ACID ASSAYS USING SYNTHETIC INTERNAL CONTROLS WITH REVERSED NUCLEOTIDE SEQUENCES
IN WALKERPEACH, CINDY R., AUSTIN, TX, United States
DUBOIS, DWIGHT B., AUSTIN, TX, United States
PI US 2001006800 A1 20010705
US 6395470 B2 20020528
AI US 1998-183866 A1 19981030 (9)
PRAI US 1997-63922P 19971031 (60)
DT Utility
FS APPLICATION
LREP KNOBBE MARTENS OLSON & BEAR LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 1255
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to methods and compositions that provide a positive control to identify inhibition during a signal amplification reaction. The methods and compositions of the present invention are designed to run in the same tube or assay environment as the experimental or target sample and contain a copy of the target sequence in an inverted form.

=> d 6 bib ab kwic

L6 ANSWER 6 OF 23 USPATFULL
AN 2002:191483 USPATFULL

TI Methods for the preparation and use of internal standards for nucleic acid amplification assays
IN Zimmermann, Klaus, Vienna, AUSTRIA
Turecek, Peter, Klosterneuburg, AUSTRIA
Schwarz, Hans-Peter, Vienna, AUSTRIA
Rieger, Manfred, Ganserndorf, AUSTRIA
PA Baxter Aktiengesellschaft (non-U.S. corporation)
PI US 2002102548 A1 20020801
AI US 2000-746547 A1 20001220 (9)
PRAI AT 1999-2170 19991222
DT Utility
FS APPLICATION
LREP OPPENHEIMER WOLFF & DONNELLY LLP, 840 NEWPORT CENTER DRIVE, SUITE 700, NEWPORT BEACH, CA, 92660
CLMN Number of Claims: 16
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 632
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Internal nucleic acid standards for nucleic acid amplification assays are provided. Specifically, internal nucleic acid standards are provided that are prepared using non-recombinant DNA technology. These internal nucleic acid standards are generally chemically synthesized and have a minimum size of approximately 90 nucleic acid bases. Also provided are internal nucleic acid standards prepared using non-recombinant DNA techniques that are single stranded nucleic acids.
DETD [0029] The **internal controls** (designated by a lower case "c" following the target identifier, for example, if the target is HIV, HIVc would designate the **internal control** nucleic acid) are custom synthesized oligonucleotides of a size of 105 nucleotides for TTVc SEQ ID NO: 9 and FVIIIc. . . GmbH, Ebersberg, Germany) containing the respective forward primer sequences and the complementary sequences of the respective reverse primer. The DNA **sequence** between the primer sequences was **randomly** chosen (sequences see Table 1).

=> d 20 bib kwic

L6 ANSWER 20 OF 23 USPATFULL
AN 91:20604 USPATFULL
TI Detection of genomic abnormalities with unique aberrant gene transcripts
IN Lee, Ming-Sheng, Houston, TX, United States
PA The Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)
PI US 4999290 19910312
AI US 1988-175833 19880331 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Wax, Robert A.; Assistant Examiner: Fleisher, M.
LREP Arnold, White & Durkee
CLMN Number of Claims: 27
ECL Exemplary Claim: 1
DRWN 6 Drawing Figure(s); 4 Drawing Page(s)
LN.CNT 772
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
DETD . . . (amplimers) were predicted to be 80 base pairs (bp) in length (FIG. 1A). Another DNA oligomer of 60 bases with **randomly** selected **sequence** (MSL-60) and the corresponding primers [18q21(+) and JH(-)] were used in the same reaction as an **internal control** (FIG. 1B). Since MSL-60 contained a unique sequence that would not be fully matched with any RNA sequence,

it should. . .

=> d 12 bib ab

L6 ANSWER 12 OF 23 USPATFULL
AN 1999:40163 USPATFULL
TI Detection of aneuploidy and gene deletion by PCR-based gene- dose co-amplification of chromosome specific sequences with synthetic sequences with synthetic internal controls
IN Han, Jian, Birmingham, AL, United States
PA Genaco Biomedical Products, Inc., Birmingham, AL, United States (U.S. corporation)
PI US 5888740 19990330
AI US 1997-933641 19970919 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Campbell, Eggerton A.
LREP Lyon & Lyon, LLP
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 9 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 1335
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed is a method and composition of matter for PCR-based gene dosage analysis. The invention provides internal control DNA sequences that are the same length and same G-C content. The method does not require sized separation of the amplified products. Instead, the method utilizes hybridization and ELISA like colormetric screening. The invention further provides for tightly controlled internal standards for comparing gene dosage by placing one copy of various chromosome markers on one plasmid.